MARTIN-VEGA, LOUIS A. (#4, 349) SPT, Analysis, and a Bit of Common Sense in Bus Maintenance
MAXWELL, WILLIAM L. (#1, 12) Dynamic Network Flow Modelling of Fixed Path Material Handling Systems (with WILSON)
MCDOWELL, EDWARD D. (#4, 285) see YUM
MONTGOMERY, DOUGLAS C. (#2, 102) Problems of Nonnormality and Multicollinearity for Forecasting Methods Based on Least Squares (with ASKIN)
(#3, 258) see SANIGA
MURPHY, RICHARD A. (#3, 249) see BRYANT
OAKFORD, R. V. (#3, 265) The Long Term Effectiveness of Expected Net Present Value Maximization in an Environment of Incomplete and Uncertain Information (with SALAZAR and DIGUILIO)
OHKUMA, RYUCKUCHI (#2, 164) Energy Problems and Energy Control System in the Japanese Steel Industry (with IKEGAMI and YASUNAGA)
OHMI, TAKAYOSHI (#1, 22) An Approximation for the Production Efficiency of Automatic Transfer Lines with In-Process Storages
ORAL, MUHITTIN (#1, 41) Multi-Item Inventory Management with Monetary Objective Function
(#4, 325) Equivalent Formulations of Inventory Control Problems
PANAYIOTOPOULOS, JOHN C. (#4, 294) see DOGRAMACI
PETTIT, A. N. (#4, 363) see STRATHIE
RAVINDRAN, A. (#1, 55) see ARTHUR
RHODES, BEN T. (#3, 206) Combining Cycle Determination with Forward Time Calculations in Deterministic Activity Networks (with YUNCHENG)
SALAZAR, ARTURO (#3, 265) see OAKFORD
SANIGA, ERWIN M. (#3, 258) Economical Quality Control Policies for a Single Cause System (with MONTGOMERY)
SCHWARZ, LEROY B. (#2, 138) Physical Distribution: The Analysis of Inventory and Location
SILVER, EDWARD A. (#4, 343) see AKINNIYI
SINCLAIR, M. A. (#4, 363) see STRATHIE
SOLBERG, JAMES J. (#2, 116) Capacity Planning with a Stochastic Flow Model
STRATHIE, E. J. (#4, 363) Widhelm and Lessing Revisited: An Alternative Markovian Model for Processing Systems With Imperfect Review (with SINCLAIR and PETTIT)
SUBRAMAYAN, E. SANKARA (#4, 312) see KUMARASWAMY
SULE, DILEEP R. (#1, 91) A Note on Production Time Variation in Determining EMQ Under Influence of Learning and Forgetting
SULLIVAN, WILLIAM G. (#1, 29) see WARD
SWEET, ARNOLD L. (#3, 243) Adaptive Smoothing for Forecasting Seasonal Series
TAYLOR, SAM G. (#3, 199) Initialization of Exponential Smoothing Forecasts
TURKSEN, I. B. (#4, 304) see Lieberman
WAN, WEI-XUN (#3, 281) Formulas for Computing the Moments of Stochastic Lead Time Demand (with LAU)
WARD, THOMAS L. (#1, 29) Equivalence of the Present Worth and Revenue Requirement Methods of Capital Investment Analysis (with SULLIVAN)
WIDHELM, W. B. (#4, 371) Brief Comments on "Widhelm and Lessing Revisited: An Alternative Markovian Model for Processing Systems with Imperfect Review"
WIENER, RICHARD (#2, 160) Stability Regions and Spectra of Discrete Third-Order Autoregressive Time Series (with DORRENBACHER)
WILSON, RICHARD D. (#1, 12) see MAXWELL
WYSK, RICHARD A. (#2, 175) see HAYES
(#3, 223) see CHANG
YASUNAGA, SHUNICHI (#2, 164) see OHKUMA
YEONG, WEE Y. (#4, 357) see LOVE
YUM, BONG JIN (#4, 285) The Optimal Allocation of Inspection Effort in a Class of Nonserial Production Systems (with McDOWELL)
YUNCHENG, FENG (#3, 206) see RHODES

Subject Index

(Numbers in parentheses are issue number and page; 1 is March, 2 is June, 3 is September, and 4 is December.)

0300 ENGINEERING ECONOMICS

0303 Investment Analysis

Equivalence of the Present Worth and Revenue Requirements Methods of Capital Investment Analysis, THOMAS L. WARD and WILLIAM G. SULLIVAN (#1, 29)

The Long Term Effectiveness of Expected Net Present Value Maximization in an Environment of Incomplete and Uncertain Information, R. V. OAKFORD, ARTURO SALAZAR, and HUGH A. DIGUILIO (#3, 265)

0400 FACILITIES PLANNING, DESIGN

0402 Facility Location

A Stopping Rule for Facilities Location Algorithm, ROBERT F. LOVE and WEE Y. YEONG (#4, 357)

0600 HUMAN ENGINEERING

0606 Personnel Scheduling

A Multiple Objective Nurse Scheduling Model, JEFFREY L. ARTHUR and A. RAVINDRAN (#1, 55)

0610 Sociological Factors

A Fuzzy Sets Approach to Information Retrieval from a Criminal History Data Base, RAJESH DUBE and E. A. ELSAYED (#3, 212)

0900 INDUSTRIES

0902 Government

A Fuzzy Sets Approach to Information Retrieval from a Criminal History Data Base, RAJESH DUBE and E. A. ELSAYED (#3, 212)

0903 Health Care and Other Services

A Multiple Objective Nurse Scheduling Model, JEFFREY L. ARTHUR and A. RAVINDRAN (#1, 55)

0904 Manufacturing

Energy Problems and Energy Control System in the Japanese Steel Industry, RYUKUCHI OHKUMA, KATSUHIDE IKEGAMI, and SHUNICHI YASUNUGA (#2, 164)

Model for Determining Price Levels and Product Mix in a Rolling Mill: A Case Study, LUDO F. GELDERS and FREDDY DE ROOSE (#4, 315)

0905 Transportation, Distribution

A Decision Support System for Managing the Transportation Needs of a Large Corporation, BEZALEL GAVISH (#1, 61)

SPT, Analysis, and a Bit of Common Sense in Bus Maintenance, LOUIS A. MARTIN-VEGA (#4, 349)

1000 MANAGEMENT

1003 Decision Making

A Decision Support System for Managing the Transportation Needs of a Large Corporation, BEZALEL GAVISH (#1, 61)

1004 Information Systems

A Fuzzy Sets Approach to Information Retrieval from a Criminal History Data Base, RAJESH DUBE and E. A. ELSAYED (#3,212)

1100 MATERIAL HANDLING

An Approximation for the Production Efficiency of Automatic Transfer Lines with In-Process Storages, TAKAYOSHI OHMI (#1, 22)

1102 Conveyors

Dynamic Network Flow Modelling of Fixed Path Material Handling Systems, WILLIAM L. MAXWELL and RICHARD C. WILSON (#1, 12)

1104 Cranes, Hoists

Crane Scheduling Problems, R. W. LIEBERMAN and I. B. TURKSEN (#4, 304)

1200 METHODS ENGINEERING

1201 Automation, Mechanization

An Integrated CAD/Automated Process Planning System, TIEN-CHIEN CHANG and RICHARD A. WYSK (#3, 223)

1203 Energy Conservation

Energy Problems and Energy Control System in the Japanese Steel Industry, RYUKUCHI OHKUMA, KATSUHIDI IKEGAMA, and SHUNICHI YASUNAGA (#2, 164)

1209 Process Design

An Integrated CAD/Automated Process Planning System, TIEN-CHIEN CHANG and RICHARD A. WYSK (#3, 223)

1300 QUANTITATIVE METHODS

1302 Networks

Dynamic Network Flow Modelling of Fixed Path Material Handling Systems, WILLIAM L. MAXWELL and RICHARD C. WILSON (#1, 12)

1303 Programming: Linear, Nonlinear

Quadratic Posynomials: An Extension of Posynomial Geometric Programming, CLARENCE L. HOUGH, JR. and RAMON E. GOFORTH (#1, 47)

A Dynamic Programming Approach to Machine Requirements Planning, GLENN M. HAYES, JR., ROBERT P. DAVIS, and RICHARD A. WYSK (#2, 175)

Optimization of the Second-Order Logarithmic Machining Economics Problem to Extended Geometric Programming: Part I. Unconstrained, CLARENCE L. HOUGH, JR. and RAMON E. GOFORTH (#2, 151)

Optimization of the Second-Order Logarithmic Machining Economics Problem to Extended Geometric Programming: Part II. Posynomial Constraints, CLARENCE L.HOUGH, JR. and RAMON E. GOFORTH (#3, 234)

1306 Applied Probability

Analysis of Transfer Lines Consisting of Two Unreliable Machines with Random Processing Times and Finite Storage Buffers, STANLEY B. GERSHWIN and ODED BERMAN (#1, 2)

An Approximation for the Production Efficiency of Automatic Transfer Lines with In-Process Storages, TAKAYOSHI OHMI (#1, 22)

Economic Design of a Joint $\bar{X}$- and R-Control Chart, LYNN L. JONES and KENNETH E. CASE (#2, 182)

Stability Regions and Spectra of Discrete Third-Order Autoregressive Time Series, RICHARD WIENER and JOHN S. DORRENBACHER (#2, 160)

Availability Characteristics of an Unbalanced Buffered Series Production System with Repair Priority, JOHN L. BRYANT and RICHARD A. MURPHY (#3, 249)

Widhelm and Lessing Revisited: An Alternative Markovian Model for Processing Systems with Imperfect Review, E. J. STRATHIE, M. A. SINCLAIR, and A. N. PETTIT (#4, 363)

Brief Comments on "Widhelm and Lessing Revisited: An Alternative Markovian Model for Processing Systems with Imperfect Review," W. B. WIDHELM (#4, 371)

1400 PRODUCTION AND INVENTORY CONTROL

1401 Distribution Systems

Physical Distribution: The Analysis of Inventory and Location, LE ROY B. SCHWARZ (#2, 138)

1402 Forecasting

Problems of Nonnormality and Multicollinearity for Forecasting Methods Based on Least Squares, DOUGLAS C. MONTGOMERY and RONALD G. ASKIN (#2, 102)

Adaptive Smoothing for Forecasting Seasonal Series, ARNOLD L. SWEET (#3, 243)

Initialization of Exponential Smoothing Forecasts, SAM G. TAYLOR (#3, 199)

1403 Inventory Control

Multi-Item Inventory Management with Monetary Objective Function, MUHITTIN ORAL (#1, 41)

Physical Distribution: The Analysis of Inventory and Location, LE ROY B. SCHWARZ (#2, 138)

The Escalating Stockout Cost Problem, W. J. KENNEDY, JR. (#3, 277)

Formulas for Computing the Moments of Stochastic Lead-Time Demand, WEI-XUN WAN and HON-SHIANG LAU (#3, 281)

Inventory Control Using a Service Constraint on the Expected Duration of Stockouts, FOLORONSO A. AKINNIYI and EDWARD A. SILVER (#4, 343)

Equivalent Formulations of Inventory Control Problems, MUHITTIN ORAL (#4, 235)

1406 Production Planning

A Note on EMQ Under Learning and Forgetting, SVEN AXSÄTER and SALAH E. ELMAGHRABY (#1, 86)

A Note on Production Time Variation in Determining EMQ Under Influence of Learning and Forgetting, DILEEP R. SULE (#1, 91)

A Procedure for Production Lot Sizing with Probabilistic Dynamic Demand, RONALD G. ASKIN (#2, 132)

Research in Production Planning and Inventory Control: Current Trends in Future Directions, WILLIAM L. BERRY and VINCENT A. MABERT (#2, 100)

A Dynamic Programming Approach to Machine Requirements Planning, GLENN M. HAYES, JR., ROBERT P. DAVIS, and RICHARD A. WYSK (#2, 175)

Capacity Planning with a Stochastic Flow Model, JAMES J. SOLBERG (#2, 116)

Availability Characteristics of an Unbalanced Buffered Series Production System with Repair Priority, JOHN L. BRYANT and RICHARD A. MURPHY (#3, 249)

Dynamic Algorithms for Input-Output Planning of Work-Station Loading, REUVEN KARNI (#4, 333)

1407 Production Scheduling

A Comparison of Due-Date Selection Rules, K.R. BAKER and J.W.M. BERTRAND (#2, 123)

Dynamic Lot-Size Problem for Multiple Items, ALI DOGRAMACI, JOHN C. PANAYIOTOPOULOS, and NABIL R. ADAM (#4, 294)

EOQ Formula Under Varying Market Policies and Conditions, S. KUMARASWAMY and E. SANKARA SUBRAMAYAN (#4, 312)

SPT, Analysis, and a Bit of Common Sense in Bus Maintenance, LOUIS A. MARTIN-VEGA (#4, 349)

1500 QUALITY CONTROL

1501 Inspection

The Optimal Allocation of Inspection Effort in a Class of Nonserial Production Systems, BONG JIN YUM and EDWARD D. MC DOWELL (#$, 285)

1502 Quality Control

Economic Design of a Joint $\bar{X}$- and R-Control Chart, LYNN L. JONES and KENNETH E. CASE (#2, 182)

Economic Quality Control Policies for a Single Cause System, EDWIN M. SANIGA and DOUGLAS C. MONTGOMERY (#3, 258)

Widhelm and Lessing Revisited: An Alternative Markovian Model for Processing Systems with Imperfect Review, E. J. STRATHIE, M. A. SINCLAIR, and A. N. PETTIT (#4, 363)

Brief Comments on "Widhelm and Lessing Revisited: An Alternative Markovian Model for Processing Systems with Imperfect Review," W. B. WIDHELM (#4, 371)

1700 DATA PROCESSING, SYSTEMS DESIGN

1704 Information Retrieval

A Fuzzy Sets Approach to Information Retrieval from a Criminal History Data Base, RAJESH DUBE and E. A. ELSAYED (#3, 212)